

Figur 1

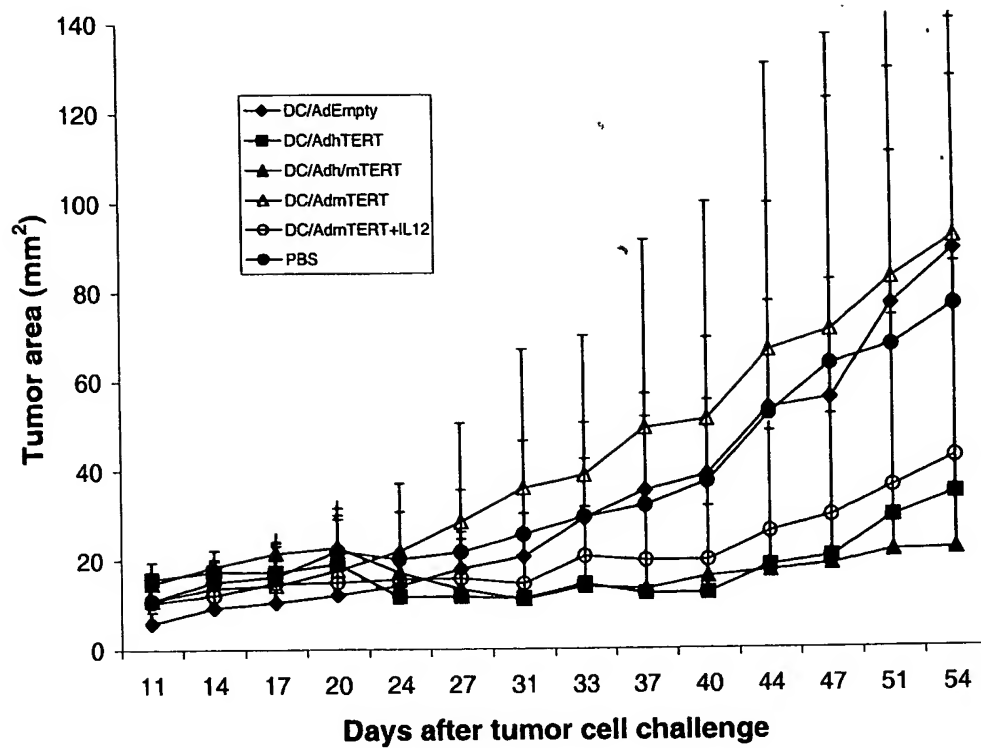
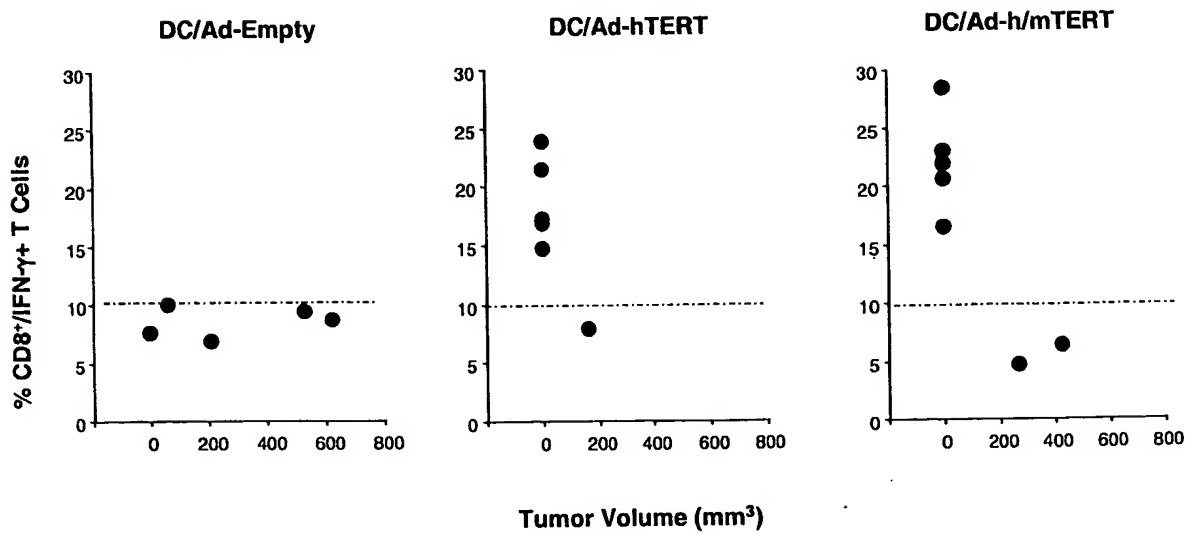
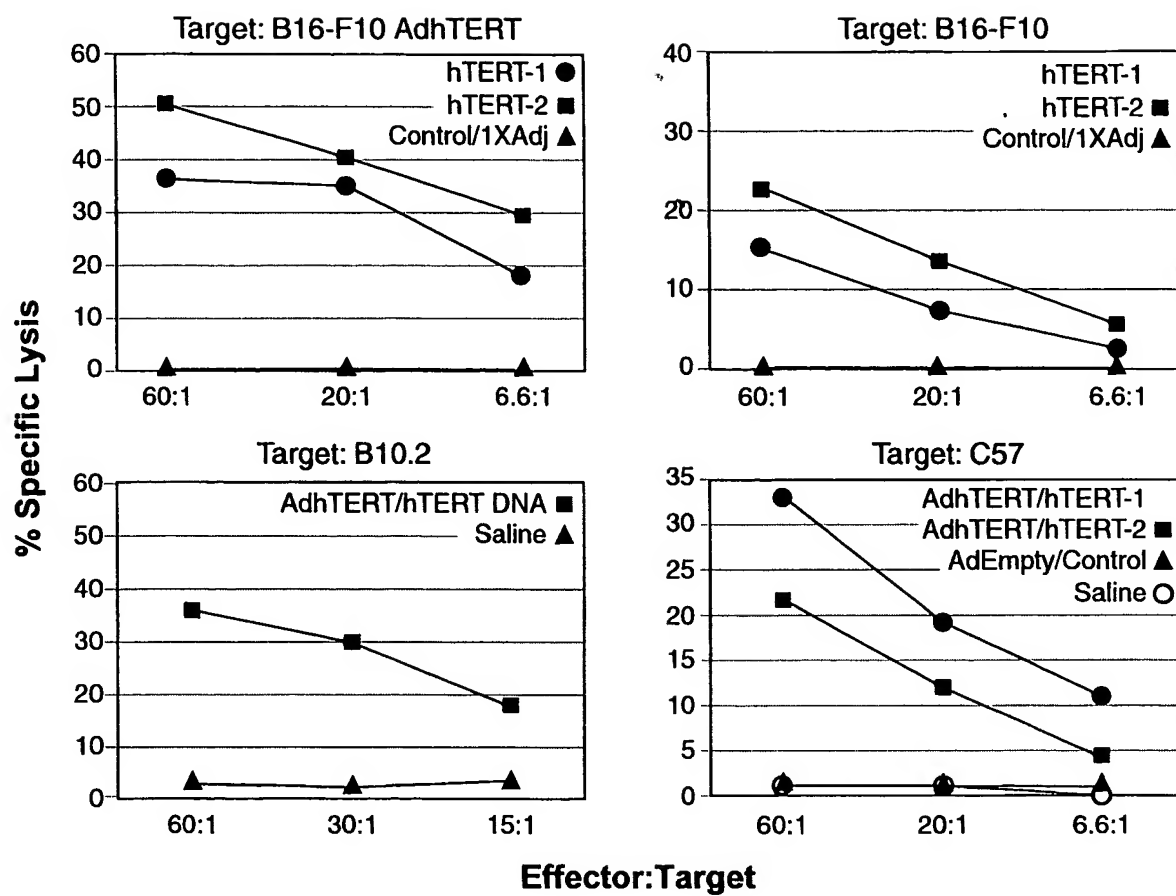


Figure 2



Figur 3



Figur 4(A)

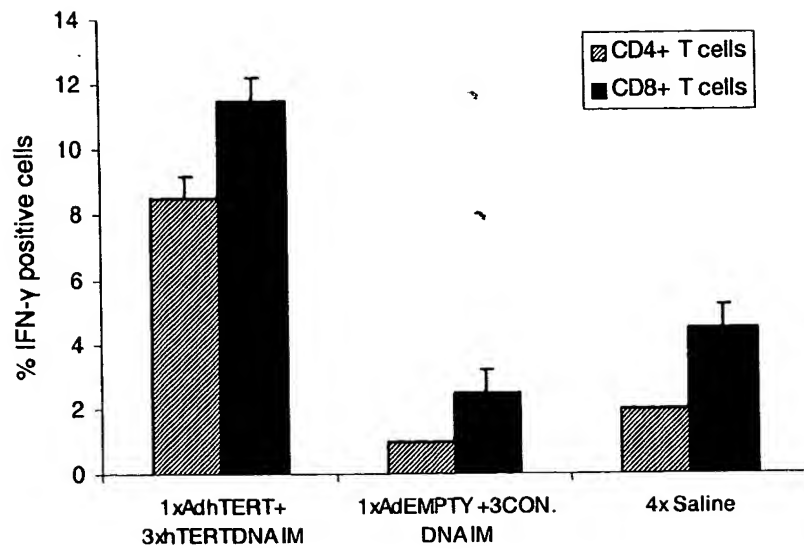


Figure 4(B)

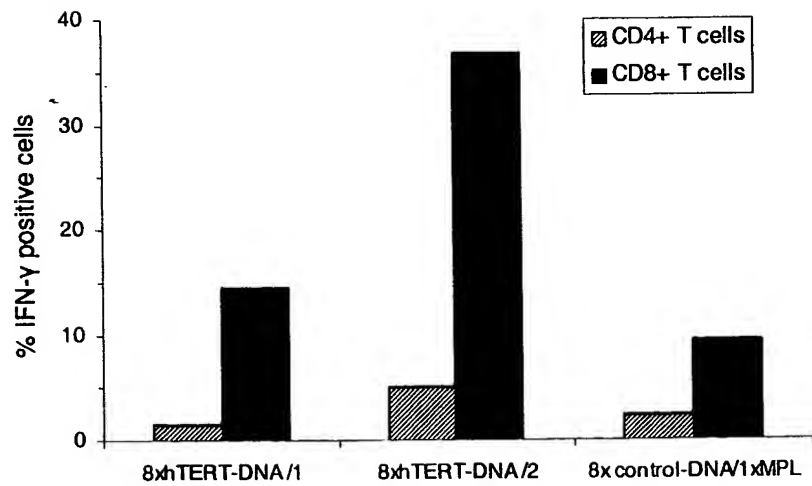


Figure 5(A)

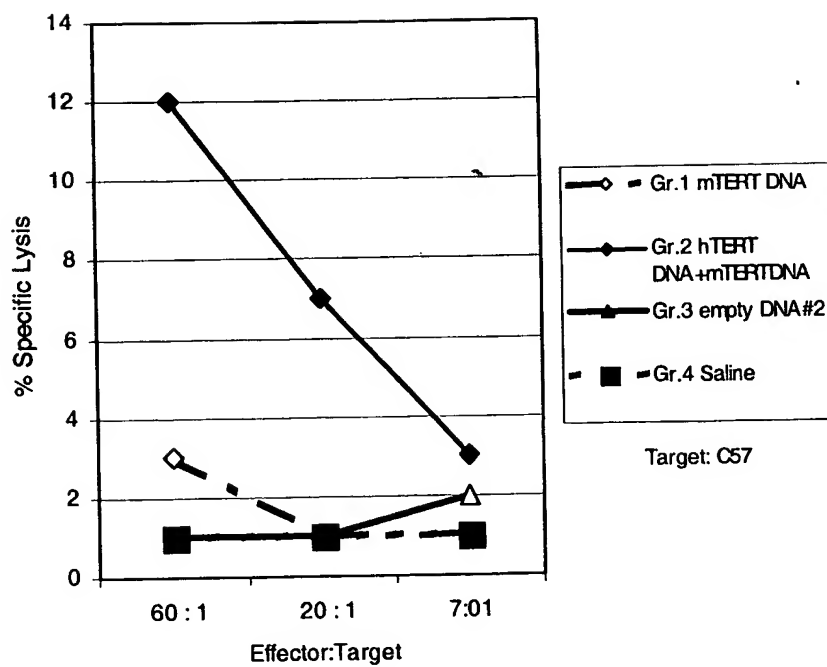


Figure 5(B)

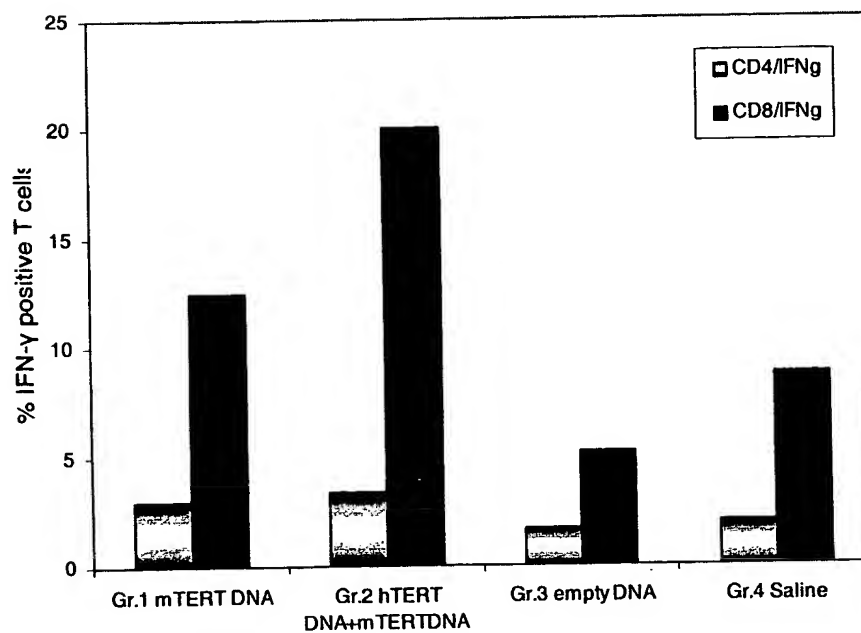


Figure 6

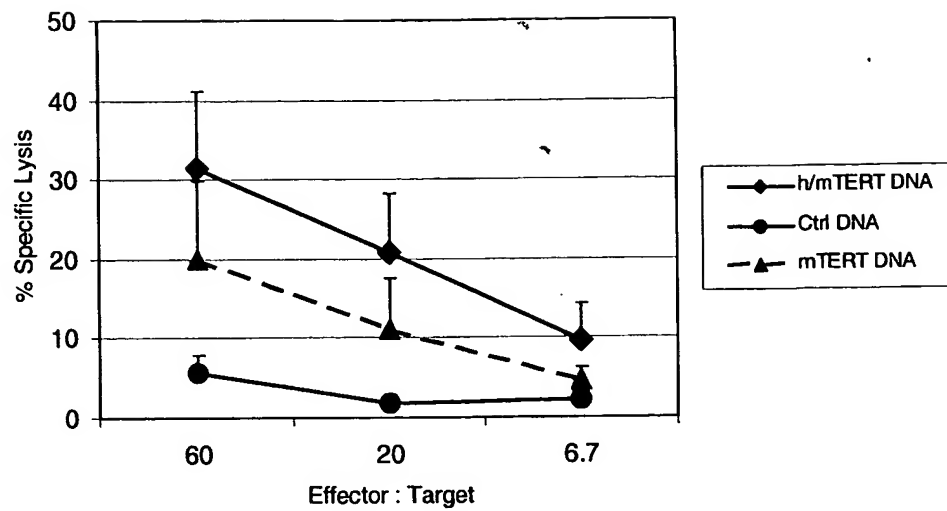


Figure 7

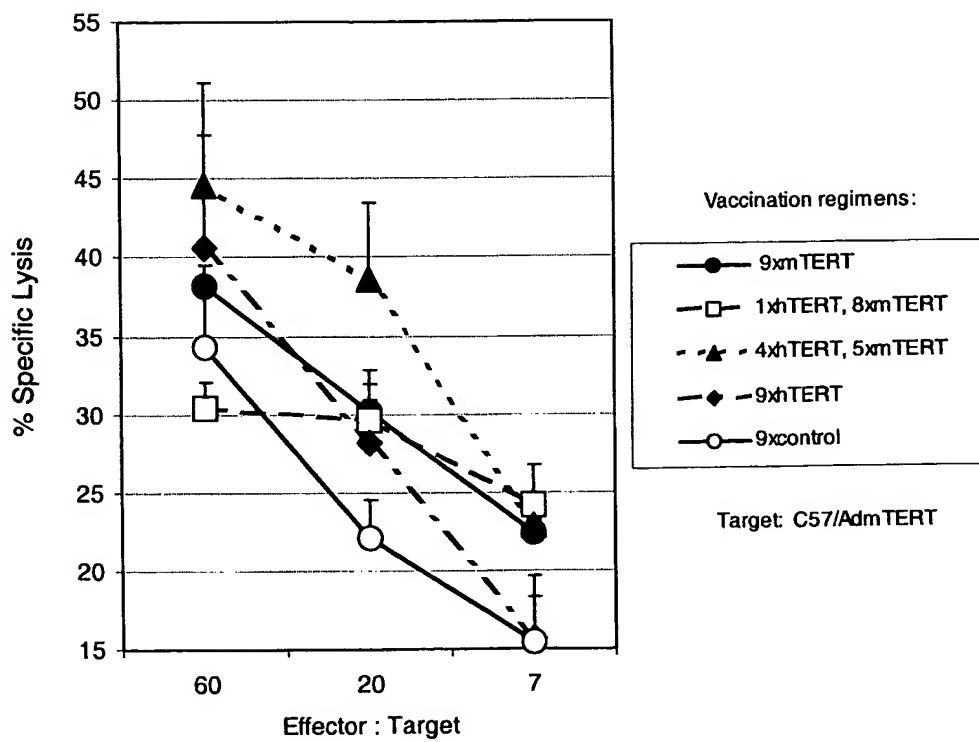


Figure 8

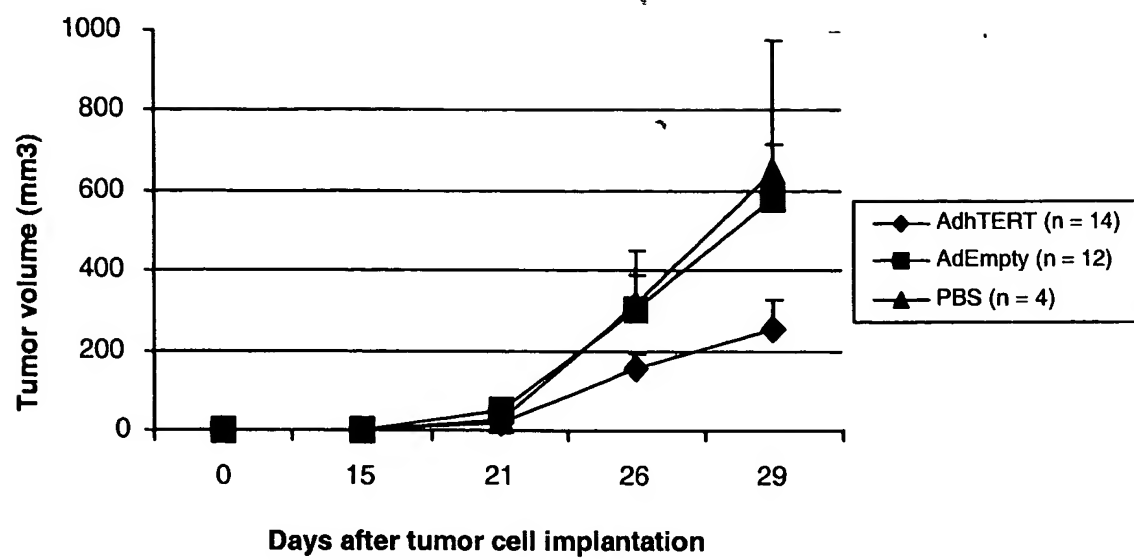


Figure 9(A)

	1				50
Human_TERT_protein	MPRAPRCRAV	RSLLRSHYRE	VLPLATFVRR	LGPDGWRLLVQ	RGDPAAAFRAL
mouse_TERT_protein	MTRAPRCPAV	RSLLRSRYRE	VWPLATFVRR	LGPEGRRLVQ	PGDPKIYRTL
Hamster_TERT_protein	MPRAPRCRAV	RALLRSQYRQ	VWPLATFVRR	LGPEGRQLVQ	PGDPKVFTL
Rat_TERT_protein	-----	-----	-----	-----	-----
Dog_TERT_protein	MPRAPRCRAV	RALLRGRYRE	VLPLATFLRR	LGPPGRLLVR	RGDPAAAFRAL
Consensus	MPRAPRCRAV	RALLRSHYRE	VLPLATFVRR	LGPEGRRLVQ	PGDPAAAFRAL
	51				100
Human_TERT_protein	VAQCLVCVPW	DARPPPAAPS	FRQVSCLKEL	VARVLQRLCE	RGAKNVLAFG
mouse_TERT_protein	VAQCLVCMHW	GSQPPPADLS	FHQVSSLKEL	VARVVQRLCE	RNERNVLAFG
Hamster_TERT_protein	VARCLVCVPW	DSQPPPADLS	FHQVSSLKEL	VARVVQRLCE	RGERNVLTFG
Rat_TERT_protein	-----	-----	-----	-----	-----
Dog_TERT_protein	VAQCLVCVPW	GARPPPAAPC	FRQL-----	-A-----	-----FG
Consensus	VAQCLVCVPW	GARPPPAAPS	FHQVSSLKEL	VARVVQRLCE	RGERNVLAFG
	101				150
Human_TERT_protein	FALLDGARGG	PPEAFTTSVR	SYLPNTVTDA	LRGSGAWGLL	LRRVGDDVLV
mouse_TERT_protein	FELLNEARGG	PPMAFTSSVR	SYLPNTVIET	LRVSGAWMLL	LSRVGDDLLV
Hamster_TERT_protein	FALLNGAQQG	PPMTFTTSVR	SYLPNSVTES	LRVSGAWMLL	LNRVGDDLLV
Rat_TERT_protein	-----	-----	-----	-----	-----
Dog_TERT_protein	FALLDGARGG	PPVAFTTSVR	SYLPNTVTET	LRGSGAWGLL	LRRVGDDVLT
Consensus	FALLDGARGG	PPMAFTTSVR	SYLPNTVTET	LRGSGAWGLL	LRRVGDDLLV
	151				200
Human_TERT_protein	HLLARCALFV	LVAPSCAYQV	CGPPPLYQLGA	ATQARPPPHA	SGPRRR----
mouse_TERT_protein	YLLAHCALYL	LVPPSCAYQV	CGSPLYQICA	TTDIWPSVSA	SYRPTRPVGR
Hamster_TERT_protein	YLLARCALYL	LVPPSCAYQV	CGSPLYQICA	TAETWPSVSR	IYRPTRPVGR
Rat_TERT_protein	-----	-----	-----	-----	-----
Dog_TERT_protein	HLLARCALYL	LVAPSCAYQV	CGPP-----	STTSAPPPLC	RSRPRS----
Consensus	HLLARCALYL	LVAPSCAYQV	CGPPPLYQIGA	TTQARPPPHA	SGRPRRPVGR
	201				250
Human_TERT_protein	----LG-CER	AWNHSVREAG	VPLGLPAPGA	RRRGGSASRS	LPLPKRPRRG
mouse_TERT_protein	NFTNLRFLQQ	IKSSSRQEAP	KPLALPSRGT	KRHLSLTSTS	VPSAKKARCY
Hamster_TERT_protein	NFTHLGSTHR	VRNSSHQEAW	KPPPLPSREA	KRSL SITNRS	VPPSKKARCD
Rat_TERT_protein	-----	-----	-----	-----	-----
Dog_TERT_protein	-----	-----	-PLAPRSAG	R-----ARD	LRPTRQARTR
Consensus	NFTNLGFCER	AWNHSVREAG	VPLGLPSPGA	KRRGGSASRS	LPLPKKARRG
	251				300
Human_TERT_protein	AAPEPERTPV	GQGSWAHPGR	TRGPSDRGFC	VVSPARPAEE	ATSLEGALSG
mouse_TERT_protein	PVPRVEEGPH	RQVLPTPSGK	SWVPSPARSP	EVPT---AEK	DLSSKGKVS
Hamster_TERT_protein	LAPRLEKGPY	RQAVPTPSDK	TWVPNPAKSH	AVPISRTTKE	DLSSGVKAPG
Rat_TERT_protein	-----	-----	-----	-----	-----
Dog_TERT_protein	PARGSPERS	GSASQWRSRR	RHRPSQATAP	VASR-----	-VYTCRALPQ
Consensus	AAPEPERTPV	GQGSWTSPGR	TRVPSDAGSP	VVSPARPAEE	DLSSKGKVS
	301				350
Human_TERT_protein	TRHSHPSVGR	QHHAGPPSTS	RPPRPWDTPC	PPVYAETKHF	LYSSGDKEQL
mouse_TERT_protein	LSLSGVCCK	HKPSS-TSLL	SPPRQNAFQL	RPFIETRHFL	YSRGDQGERL
Hamster_TERT_protein	LSRSGVCYK	HKPSS-TSLQ	SPLCQNAFQL	RPYTETKRFL	YSREGGRERL
Rat_TERT_protein	-----	-----	-----	-----	-----
Dog_TERT_protein	LAWEG---GP	PDSSNHPSLD	TSPGPQGVPH	DPAHPETKRF	LYCSGGRERL
Consensus	LSLSGVCCK	HKPSSPPSL	SPPRPNAFQL	RPVYAETKHF	LYSSGGRERL

Figure 9(B)

	351				400
Human_TERT_protein	RPSFLLSSLR	PSLTGARRLV	ETIFLGSRPW	MPGTPRRLLPR	LPQRYWQMRP
mouse_TERT_protein	NPSFLLSNLQ	PNLTGARRLV	EIIFLGSRPR	TSGPLCRTHR	LSRRYWQMRP
Hamster_TERT_protein	NPSFLLNNLQ	PSLTGARRLV	EILFLGMRPR	TSGPLCGRRR	LSKRYWQMRP
Rat_TERT_protein	-----	-----	-----	-----	-----
Dog_TERT_protein	RPSFLLSALP	PTLG-ARKLV	ETIFLGSAPO	KPGAARRMR	LPARYWRMRP
Consensus	RPSFLLSNLQ	PSLTGARRLV	ETIFLGSRPW	TSGPLCRTHR	LSRRYWQMRP
	401				450
Human_TERT_protein	LFLELLGNHA	QCPYGVLLKT	HCPLRAAVTP	AAGVCAREKP	QGSVAAPPEE-
mouse_TERT_protein	LFQQLLVNHA	ECQYVRLLR	HCRFRTANQQ	VTDALNTSPP	-----
Hamster_TERT_protein	LFQQLLVNHA	RCPYVRLLR	HCRFRTAAHQ	VAGALNTTSP	Q-----
Rat_TERT_protein	-----	-----	-----	-----	-----
Dog_TERT_protein	LFQELLGNHA	RCPYRALLRT	HCPLRAMAAK	EGSGNQAHRR	VGICPLERPV
Consensus	LFQELLGNHA	RCPYVRLLR	HCPLRAAATP	VAGALNTSPP	QGSVAAPPEEV
	451				500
Human_TERT_protein	----EDTDPR	RLVQLLRQHS	SPWQVYGFVR	ACLRRLVPPG	LWGSRHNERR
mouse_TERT_protein	-----	HLMDLLRLHS	SPWQVYGFVR	ACLCKVVSAS	LWGTRHNERR
Hamster_TERT_protein	-----	RLMNLRLHS	SPWQVYGFVR	ACVGKLVPPG	LWGSRHNQRR
Rat_TERT_protein	-----	-----	-----	-----	-----
Dog_TERT_protein	AAPQEQTDS	RLVQLLRQHS	SPWQVYAFVR	ACLCLVPTG	LWGSRHNQRR
Consensus	AAPQEQTDS	RLMQLLRQHS	SPWQVYGFVR	ACLCKLVPPG	LWGSRHNERR
	501				550
Human_TERT_protein	FLRNTKKFIS	LGKHAKLSLQ	ELTWKMSVRD	CAWLRRSPGV	G-----
mouse_TERT_protein	FFKNLKKFIS	LGKYGKLSLQ	ELMWKMKVED	CHWLRSPPGK	D-----
Hamster_TERT_protein	FFKNVKKFIS	LGKYDKLSLQ	ELTWKMKVQD	CRWLRSPPGN	N-----
Rat_TERT_protein	-----	-----	-----	-----	-----
Dog_TERT_protein	FLRNVKKFIS	LGKHAKLSLQ	ELTWKMKVRD	CTWLHGPNPE	ECRVSRCVLG
Consensus	FLKNVKKFIS	LGKHAKLSLQ	ELTWKMKVRD	CAWLRSPPGY	E-----
	551				600
Human_TERT_protein	-----CVPA	AEHRLREEIL	AK---FLHWL	MSVYVVELLR	SFFYVTETTF
mouse_TERT_protein	-----RVPA	AEHRLRERIL	AT---FLFWL	MDTYVQQLR	SFFYITESTF
Hamster_TERT_protein	-----CVPA	AEHRTREIL	AV---FLFWL	MDAYVVELLR	SFFYVTETTF
Rat_TERT_protein	-----	-----	-----	-----R	SFFYITESTF
Dog_TERT_protein	LQEGPGSQPE	CGRPLPPNHP	S-EHPFLCWA	GSDCPACLSA	PRLPSQTSPPH
Consensus	-----SVPA	AEHRLRERIL	AKEHPFLFWL	MSVYVVELLR	SFFYITESTF
	601				650
Human_TERT_protein	QKNR-----	----LFFYRK	SVWSKLQS--	-----IG	IRQHLKRVQL
mouse_TERT_protein	QKNR-----	----LFFYRK	SVWSKLQS--	-----IG	VRQHLEVRRL
Hamster_TERT_protein	QKNR-----	----LFFYRK	SMWRLQS--	-----IG	VRHLEVRRL
Rat_TERT_protein	QKNR-----	----LFFYRK	SVWSKLQS--	-----IG	VRQHLEVRRL
Dog_TERT_protein	PQRLPGCPHL	LPQVMRHHEM	SSWRPSSPY	PGHTWLLIGC	APQLFNSVHL
Consensus	QKNR-----	----LFFYRK	SVWSKLQS--	-----IG	VRQHLEVRRL
	651				700
Human_TERT_protein	RELSEAEVRQ	HREARPALLT	SRLRFIPKPD	GLRPIVNMDY	VVGARTFRRE
mouse_TERT_protein	RELSQEEVRH	HQDTWLAMPI	CRLRFIPKPN	GLRPIVNMSY	SMGTRALGRR
Hamster_TERT_protein	QELSQEEVRQ	RQEAWPAMPI	CRLRFIPKPS	GLRPIVNMSY	-MGTRAFDKG
Rat_TERT_protein	RELSQEEVRH	HQDTWLAMPI	CRLRFIPKPN	GLRPIVNMSY	SMGTRALGRR
Dog_TERT_protein	RELSEAEVRR	HREARPALLT	SRLRFLPKPS	GLRPIVNMDY	IMGARTFHRD
Consensus	RELSQEEVRQ	HQEAWPAMPI	CRLRFIPKPN	GLRPIVNMSY	SMGTRAFGRR

Figure 9(C)

	701				750
Human_TERT_protein	KRAERLTSRV	KALFSVLNVE	RARRPGLLGA	SVLGLDDIHR	AWRTFVLVRV
mouse_TERT_protein	KQAQHFQRL	KTLSFSLNVE	RTKHPHLMGS	SVLGMNDIYR	TWRAFVLVRV
Hamster_TERT_protein	KQAQHFQCL	KTLSFVLNVE	LTKHTNLLGA	SVLGLNDIYR	TWRTFVLVRV
Rat_TERT_protein	KQAQHFQRL	KTLSFSLNVE	RTKHPHLMGS	SVLGMNDIYR	TWRAFVLVRV
Dog_TERT_protein	KKVQHLTSQL	KTLSFVLNVE	RARRPSLLGA	SMLGMDDIHR	AWRTFVLRI
Consensus	KQAQHFQRL	KTLSFVLNVE	RTKHPHLLGA	SVLGMNDIYR	TWRTFVLVRV
	751				800
Human_TERT_protein	AQDPPPELYF	VKVDVTGAYD	TIPQDRLTEV	IASIIKP-QN	TYCVRRYAVV
mouse_TERT_protein	ALDQTPRMYF	VKADVTGAYD	AIPQGKLVEV	VANMIRHSES	TYCIRQYAVV
Hamster_TERT_protein	TLDPAPRMYF	VKADVTGAYD	AIPQDKLVEV	IANMIRHPDN	SYCIHQYAVV
Rat_TERT_protein	ALDQTPRMYF	VKADVTGAYD	AIPQGKLVEV	VANMIRHSES	TYCIRQYAVV
Dog_TERT_protein	AQNPAQLYF	VKVDVTGAYD	ALPDQRLVEV	IANVIRPQES	TYCVRHYAVV
Consensus	ALDPTPRMYF	VKADVTGAYD	AIPQDKLVEV	IANMIRHSES	TYCIRQYAVV
	801				850
Human_TERT_protein	QKAAHGHVRK	AFKSHVSTLT	DLQPYMRQFV	AHLQETSP--	LRDAVVIEQS
mouse_TERT_protein	RRDSQGQVHK	SFRRQVTTL	DLQPYMGQFL	KHLQSDASA	LRNSVVIEQS
Hamster_TERT_protein	QRDRQGQIHK	SFRRQVSTLS	DLQPHMGQFL	KHLQSDTSA	LRNSVVIEQS
Rat_TERT_protein	RRDSQGQVHK	SFRRQVTTL	DLQPYMGQFL	KHLQSDASA	LRNSVVIEQS
Dog_TERT_protein	QRTARGHVRK	AFKRH-----	-----	-----	-----
Consensus	QRDAQGQVHK	SFRRQVSTLS	DLQPYMGQFL	KHLQSDASA	LRNSVVIEQS
	851				900
Human_TERT_protein	SSLNEASSGL	FDVFLRFMCH	HAVRIRGKSY	VQCQGIPOGS	ILSTLLCSLC
mouse_TERT_protein	ISMNESSSSL	FDFFLHFLRH	SVVKIGDRCY	TQCQGIPOGS	SLSTLLCSLC
Hamster_TERT_protein	LSLNEASSSL	FDFFLRFVRN	SVVKIGGRCY	VQCQGIPOGS	SLSTLLCSLC
Rat_TERT_protein	ISMNESSSSL	FDFFLHFLRH	SVVKIGDRCY	TQCQGIPOGS	SLSTLLCSLC
Dog_TERT_protein	-----	-----	-----	-----	-----
Consensus	ISLNEASSSL	FDFFLRFLRH	SVVKIGGRCY	VQCQGIPOGS	SLSTLLCSLC
	901				950
Human_TERT_protein	YGD MENKLFA	GIRRDGLLLR	LVDDFLLVTP	HLTHAKTFLR	TLVRGVPEYG
mouse_TERT_protein	FGD MENKLFA	EVQRDGLLLR	FVDDFLLVTP	HLDQAKTFLS	TLVHGVPEYG
Hamster_TERT_protein	FGD MENKLFA	EVQQDGLLLR	FVDDFLLVTP	HLVQAEAFLR	ALVRGIPEYG
Rat_TERT_protein	FGD MENKLFA	EVQRDGLLLR	FVDDFLLVTP	HLDQAKTFLS	TLVHGVPEYG
Dog_TERT_protein	-----	-----	-----	-----	-----
Consensus	FGD MENKLFA	EVQRDGLLLR	FVDDFLLVTP	HLDQAKTFLS	TLVRGVPEYG
	951				1000
Human_TERT_protein	CVVNLRKTVV	NFPVEDEALG	GTAFVQMPAH	GLFPWCGLLL	DTRTLEVQSD
mouse_TERT_protein	CMINLQKTVV	NFPVEPGTLG	GAAPYQLPAH	CLFPWCGLLL	DTQTLEVFC
Hamster_TERT_protein	CMINLQKTVV	NFPVDAGTLD	GTAPHQLPAH	CLFPWCGLLL	DTQTLEVLC
Rat_TERT_protein	CMINLQKTVV	NFPVEPGTLG	GAAPYQLPAH	CLFPWCGLLL	DTQTLEVFC
Dog_TERT_protein	-----	-----	-----	-----	-----
Consensus	CMINLQKTVV	NFPVEPGTLG	GTAPYQLPAH	CLFPWCGLLL	DTQTLEVFC
	1001				1050
Human_TERT_protein	YSSYARTSIR	ASLTFNRGFK	AGRNMRRLKF	GVLRLKCHSL	FLDLQVNSLQ
mouse_TERT_protein	YSGYAQTSIK	TSLTFQSVFK	AGKTMRNKLL	SVLRLKCHGL	FLDLQVNSLQ
Hamster_TERT_protein	YTGARTSIR	ASLTFQRTFK	AGRNMRQKLL	AVLRLKCHSL	FLDLQMNLSLQ
Rat_TERT_protein	YSGYAQTSIK	TSLTFQSVFK	AGKTMRNKLL	SVLRLKCHGL	FLDLQVNSLQ
Dog_TERT_protein	-----	-----	-----	-----	-----
Consensus	YSGYARTSIR	ASLTFQSVFK	AGKNMRNKLL	SVLRLKCHSL	FLDLQVNSLQ

Figure 9(D)

	1051				1100
Human_TERT_protein	TVCTNIYKIL	LLQAYRFHAC	VLQLPFHQV	WKNPTFFLRV	ISDTASLCYS
mouse_TERT_protein	TVCINIYKIF	LLQAYRFHAC	VIQLPFDQRV	RKNLTFFLGI	ISSQASCCYA
Hamster_TERT_protein	TVCINVYKIF	LLQAYRFHAC	ALQLPFDQHV	RKNPAFFLSI	ISNIASCCYS
Rat_TERT_protein	TVCINIYKIF	LLQAYRFHAC	VIQLPFDQRV	RKNLTFFLGI	ISSQASCCYA
Dog_TERT_protein	-----	-----	-----	-----	-----
Consensus	TVCINIYKIF	LLQAYRFHAC	VIQLPFDQRV	RKNPTFFLGI	ISSQASCCYA
	1101				1150
Human_TERT_protein	ILKAKNAGMS	LGAKGAAGPL	PSEAVQWLCH	QAFLLKLTRH	RVTVVPLLGS
mouse_TERT_protein	ILKVKNPGMT	LKAS---GSF	PPEAAHWLCY	QAFLLKLAH	SVIYKCLLGP
Hamster_TERT_protein	ILKVKNAGMT	LKAKGASGSF	PPEAAHWLCY	QAFLLKLAGH	SVTYKCLLGP
Rat_TERT_protein	ILKVKNPGMT	LKAS---GSF	PPEAAHWLCY	QAFLLKLAH	SVIYKCLLGP
Dog_TERT_protein	-----	-----	-----	-----	-----
Consensus	ILKVKNAGMT	LKAKGAAGSF	PPEAAHWLCY	QAFLLKLAH	SVTYKCLLGP
	1151				1188
Human_TERT_protein	LRTAQQLSR	KLPGTTLTAL	EAAANPALPS	DFKTILD-	
mouse_TERT_protein	LRTAQKLLCR	KLPEATMTIL	KAAADPALST	DFQTILD-	
Hamster_TERT_protein	LRTAQQLCR	KLPRATMAIL	ETAADPALST	DFQTILD-	
Rat_TERT_protein	LRTAQKLLCR	KLPEATMTIL	KAAADPALST	DFQTILD-	
Dog_TERT_protein	-----	-----	-----	-----	
Consensus	LRTAQQLCR	KLPEATMTIL	EAAADPALST	DFQTILD-	

Figure 10(A)

	1				50
Human_TERT_cds	ATGCCGCGCG	CTCCCCGCTG	CCGAGCCGTG	CGCTCCCTGC	TGCGCAGCCA
Mouse_TERT_cds	ATGACCCGCG	CTCCTCGTTG	CCCCGCGGTG	CGCTCTCTGC	TGCGCAGCCG
Hamster_TERT_cds	ATGCCCCGCG	CGCCCCGTTG	CCGGGCCGTG	CGCGCTCTGC	TGCGCAGTCA
Rat_TERT_cds_(partial)	-----	-----	-----	-----	-----
Dog_TERT_cds_(partial)	ATGCCGCGAG	CGCCCCGGTG	CCGCGCCGTG	CGCGCCCTGC	TGCGGGGCCG
Consensus	ATGCC-CGCG	C-CCCCG-TG	CCG-GCCGTG	CGC-C-CTGC	TGCGCAGCC-
	51				100
Human_TERT_cds	CTACCGCGAG	GTGCTGCCGC	TGGCCACGTT	CGTGCGGCGC	CTGGGGCCCC
Mouse_TERT_cds	ATACCGGGAG	GTGTGGCCGC	TGGCAACCTT	TGTGCGGCGC	CTGGGGCCCCG
Hamster_TERT_cds	ATACCGTCAG	GTGTGGCCGC	TGGCAACCTT	CGTGCGGCGC	CTGGGACCTG
Rat_TERT_cds_(partial)	-----	-----	-----	-----	-----
Dog_TERT_cds_(partial)	CTACCGGGAG	GTGCTGCCCC	TGGCCACCTT	CCTGCGGCGC	CTGGGGCCCC
Consensus	-TACCG-GAG	GTG--GCCGC	TGGC-ACCTT	CGTGCGGCGC	CTGGGGCCCC-
	101				150
Human_TERT_cds	AGGGCTGGCG	GCTGGTGCG	CGCGGGGACC	CGGCGGCTTT	CCGCGCGCTG
Mouse_TERT_cds	AGGGCAGGCG	GCTTGTGCAA	CCCGGGGACC	CGAAGATCTA	CCGCACTTTG
Hamster_TERT_cds	AGGGCAGGCA	GCTTGTACAA	CCCGGGGACC	CAAAGGTCTT	CCGCACTTTG
Rat_TERT_cds_(partial)	-----	-----	-----	-----	-----
Dog_TERT_cds_(partial)	CGGGCCGGCT	GCTCGTGCGG	CGCGGGGACC	CGGCGGCTTT	CCGCGCGCTG
Consensus	AGGGC-GGC-	GCT-GTGCA-	C-CGGGGACC	CG--GG-CTT	CCGC-CG-TG
	151				200
Human_TERT_cds	GTGGCCAGT	GCCTGGTGTG	CGTGCCCTGG	GACGCACGGC	CGCCCCCCGC
Mouse_TERT_cds	GTTGCCCAAT	GCCTAGTGTG	CATGCACTGG	GGCTCACAGC	CTCCACCTGC
Hamster_TERT_cds	GTGGCCCGGT	GCCTAGTGTG	TGTGCCCTGG	GACTCACAAAC	CTCCACCTGC
Rat_TERT_cds_(partial)	-----	-----	-----	-----	-----
Dog_TERT_cds_(partial)	GTGGCGCAGT	GCCTGGTGTG	CGTGCCCTGG	GGCGCGCGGC	CGCCCCCCGC
Consensus	GTGGCCAGT	GCCT-GTGTG	CGTGCCCTGG	G-C-CAC-GC	C-CC-CC-GC
	201				250
Human_TERT_cds	CGCCCCCTCC	TTCCGCCAGG	TGTCCTGCCT	GAAGGAGCTG	GTGGCCCGAG
Mouse_TERT_cds	CGACCTTTCC	TTCCACCAGG	TGTCATCCCT	GAAAGAGCTG	GTGGCCAGGG
Hamster_TERT_cds	TGACCTTTCC	TTCCACCAGG	TGTCATCACT	GAAGGAGCTG	GTGGCCAGGG
Rat_TERT_cds_(partial)	-----	-----	-----	-----	-----
Dog_TERT_cds_(partial)	CGCCCCGTGC	TTCCGCCAG-	---C-----	-----	-----
Consensus	CG-CC--TCC	TTCC-CCAGG	TGTC-T--CT	GAA-GAGCTG	GTGGCC-G-G
	251				300
Human_TERT_cds	TGCTGCAGAG	GCTGTGCGAG	CGCGGCGCGA	AGAACGTGCT	GGCCTTCGGC
Mouse_TERT_cds	TTGTGCAGAG	ACTCTGCGAG	CGCAACGAGA	GAAACGTGCT	GGCTTTTGCC
Hamster_TERT_cds	TCGTGCAGAG	ACTCTGCGAG	CGCGGCGAGA	GGAACGTGCT	GACTTTTGCC
Rat_TERT_cds_(partial)	-----	-----	-----	-----	-----
Dog_TERT_cds_(partial)	-----	-----	-----	-----T	GGCTTTTGCC
Consensus	T--TGAGAG	-CTCTGCGAG	CGC--CG-GA	--AACGTGCT	GGCTTT-GGC
	301				350
Human_TERT_cds	TTCGCGCTGC	TGGACGGGGC	CCGCGGGGGC	CCCCCGAGG	CCTTCACCAAC
Mouse_TERT_cds	TTTGAGCTGC	TTAACGAGGC	CAGAGGCGGG	CCTCCCATGG	CCTTCACTAG
Hamster_TERT_cds	TTCGCGCTGC	TTAACGGAGC	CCAAGGCGGT	CCTCCCATGA	CATTACAAC
Rat_TERT_cds_(partial)	-----	-----	-----	-----	-----
Dog_TERT_cds_(partial)	TTCGCCCTGC	TGGACGGAGC	CGCGGGCGGG	CCCCCGTGG	CCTTCACGAC
Consensus	TTCGCGCTGC	T--ACGG-GC	CCG-GGCGG-	CC-CCC-TGG	CCTTCAC-AC

Figure 10(B)

	351				400
Human_TERT_cds	CAGCGTGCGC	AGCTACCTGC	CCAACACGGT	GACCGACGCA	CTGCGGGGGA
Mouse_TERT_cds	TAGCGTGCGT	AGCTACTTGC	CCAACACTGT	TATTGAGACC	CTGCGTGTCA
Hamster_TERT_cds	CAGCGTGCGC	AGCTACCTGC	CCAACCTCGT	GACTGAGTCT	CTGCGCGTCA
Rat_TERT_cds_(partial)	-----	-----	-----	-----	-----
Dog_TERT_cds_(partial)	CAGCGTGCGC	AGCTACCTGC	CCAACACGGT	AACCGAGACC	CTGCGCGGCA
Consensus	CAGCGTGCGC	AGCTACCTGC	CCAACACGGT	-AC-GAG-C-	CTGCG-G-CA
	401				450
Human_TERT_cds	GCGGGGCGTG	GGGGCTGCTG	CTGCGCCGCG	TGGGCGACGA	CGTGCTGGTT
Mouse_TERT_cds	GTGGTGCA TG	GATGCTACTG	TTGAGCCGAG	TGGGCGACGA	CCTGCTGGTC
Hamster_TERT_cds	GTGGTGCTTG	GATGCTTCTG	CTGAACCGAG	TGGGCGACGA	CTTGCTGGTC
Rat_TERT_cds_(partial)	-----	-----	-----	-----	-----
Dog_TERT_cds_(partial)	GCGGCGCCTG	GGGGCTGCTG	CTGCGCCGCG	TGGGCGACGA	TGTGCTCACC
Consensus	G-GG-GC-TG	G--GCT-CTG	CTG-GCCG-G	TGGGCGACGA	C-TGCTGGTC
	451				500
Human_TERT_cds	CACCTGCTGG	CACGCTGCGC	GCTCTTTGTG	CTGGTGGCTC	CCAGCTGCGC
Mouse_TERT_cds	TACCTGCTGG	CACACTGTGC	TCTTTATCTT	CTGGTGCCCC	CCAGCTGTGC
Hamster_TERT_cds	TACCTGCTGG	CCCCTGTGTC	GCTTTACCTG	CTGGTGCCCC	CCAGCTGTGC
Rat_TERT_cds_(partial)	-----	-----	-----	-----	-----
Dog_TERT_cds_(partial)	CACCTGCTGG	CGCGCTGCGC	GCTCTACCTG	CTGGTGGCTC	CCAGCTGCGC
Consensus	-ACCTGCTGG	C-CGCTG-GC	GCT-TA-CTG	CTGGTG-C-C	C-AGCTG-GC
	501				550
Human_TERT_cds	CTACCAGGTG	TGCGGGCCGC	CGCTGTACCA	GCTCGGCCT	GCCAC-----
Mouse_TERT_cds	CTACCAGGTG	TGTGGGTCTC	CCCTGTACCA	AATTTGTGCC	ACCACGGATA
Hamster_TERT_cds	CTACCAGGTG	TGCGGCTCAC	CCCTGTACCA	AATCTGTGCC	ACCGCAGAAA
Rat_TERT_cds_(partial)	-----	-----	-----	-----	-----
Dog_TERT_cds_(partial)	CTACCAGGTG	TGCGGGCCGC	CG-TCTACGA	CCTCTGCGCC	CCCCG--CTC
Consensus	CTACCAGGTG	TGCGGG-C-C	C-CTGTACCA	--TCTG-GCC	--CC-C--A--
	551				600
Human_TERT_cds	TCAGGCC---	-----C-	-----GGC	CCCCGCCACA	CGCTAGTGGA
Mouse_TERT_cds	TCTGGCCCTC	TGTGTCCGCT	AGTTACAGGC	CCACCCGACC	CGTGGGCAGG
Hamster_TERT_cds	CCTGGCCCTC	TGTGTCCGCT	ATCTACAGGC	CCACACGACC	CGTGGGCAGA
Rat_TERT_cds_(partial)	-----	-----	-----	-----	-----
Dog_TERT_cds_(partial)	TCTGCCGCTC	-----	-----CCGGC	CC-CGCTCCC	CGCTCCCCG-
Consensus	-CTGGCCCTC	---G-CC---	A-----G-C	CC-C-CG-C-	C-TGGG----
	601				650
Human_TERT_cds	CCCCGAAGGC	GTCTGGGATG	CGAAC---GG	GCCTGGAACC	ATAGCGTCAG
Mouse_TERT_cds	AATTTCACTA	ACCTTAGGTT	CTTACAACAG	ATCAAGAGCA	GTAGTCGCCA
Hamster_TERT_cds	AATTTTACTC	ATCTTGGATC	CACACACCGG	GTCAGGAACA	GCAGTCACCA
Rat_TERT_cds_(partial)	-----	-----	-----	-----	-----
Dog_TERT_cds_(partial)	-----CTC	CCCCTCGGC	CGGCC---GG	GCTCGGGACC	TCAGACCC--
Consensus	-AT---A---	-----	---AC---G	--C--GA-C-	G-AGTC-C-A
	651				700
Human_TERT_cds	GGAGGCCGGG	GTCCCCCTGG	GCCTGCCAGC	CCCGGGTGCG	AGGAGGCCGG
Mouse_TERT_cds	GGAAGCACCG	AAACCCCTGG	CCTTGCCATC	TCGAGGTACA	AAGAGGCATC
Hamster_TERT_cds	GGAAGCATGG	AAACCCCGCG	CCTTGCCATC	TCGAGAGGCG	AAGCGGAGTC
Rat_TERT_cds_(partial)	-----	-----	-----	-----	-----
Dog_TERT_cds_(partial)	-----	ACACGCCAGG	CCAG---AAC	TCGGCCAGCG	CGGGGCAGCC
Consensus	GGA-GCA--G	A-ACCCG-GG	CC-TGCCA-C	TCG-G--GCG	A-G-GG-G-C

Figure 10(C)

	701				750
Human_TERT_cds	GGGGCAGTGC	CAGCCGAAGT	CTGCCGTTGC	CCAAGAGGCG	CAGGCGTGGC
Mouse_TERT_cds	TGAGTCTCAC	CAGTACAAGT	GTGCCTTCAG	CTAAGAAGGC	CAGATGCTAT
Hamster_TERT_cds	TAAGCATCAC	CAATAGAAGT	GTGCCTCCAT	CTAAGAAGGC	CAGGTGCGAT
Rat_TERT_cds_(partial)	-----	-----	-----	-----	-----
Dog_TERT_cds_(partial)	CGGAGCGGTC	CTCTGGAAG-	-CGCC-----	-----A--GC	CAGTGGCGGA
Consensus	-G-G-----C	CA-T-GAAGT	GTGCC-----	C-AAGA-G-C	CAG--G----
	751				800
Human_TERT_cds	GCTGCCCCCTG	AGCCGGAGCG	GACGCCCGTT	GGGCAGGGGT	CCTGGGCCCA
Mouse_TERT_cds	CCTGTCCCGA	GAGTGGAGGA	GGGACCCAC	AGGCAGGTGC	TACCAACCCC
Hamster_TERT_cds	CTGGCCCCGA	GACTGGAGAA	GGGACCCTAC	AGGCAGGCAG	TTCCAACCCC
Rat_TERT_cds_(partial)	-----	-----	-----	-----	-----
Dog_TERT_cds_(partial)	G----C---A	GAC-----	--GGCGCCAC	AGGC-----	---CTTCCCA
Consensus	-C-G-CCCG-	G-C-GGAG--	G-G-CCC-AC	AGGCAGG---	-----CCCC
	801				850
Human_TERT_cds	CCCGGGCAGG	ACGCGTGGAC	CGAGTGACCG	TGGTTTCTGT	GTGGTGTAC
Mouse_TERT_cds	ATCAGGCAAA	TCATGGGTGC	CAAGTCCTGC	TCGGTCCCCC	GAGGTGCCTA
Hamster_TERT_cds	ATCAGACAAA	ACATGGGTGC	CAAATCCTGC	CAAGTCCCAT	GCAGTGCCTA
Rat_TERT_cds_(partial)	-----	-----	-----	-----	-----
Dog_TERT_cds_(partial)	GGC---CACA	GCTCCTGTAG	CAAGCCGGGT	GTACACCTGC	CGGGCGCTTC
Consensus	--C-G-CA-A	-C--G-GT-C	CAAGTC--G-	----TCC---	G-GGTGCCT-
	851				900
Human_TERT_cds	CTGCCAGACC	CGCCGAAGAA	GCCACCTCTT	TGGAGGGTGC	GCTCTCTGGC
Mouse_TERT_cds	-----C	TGCAGAGAAA	GATTGTCTT	CTAAAGGAAA	GGTGTCTGAC
Hamster_TERT_cds	TTAGTAGAAC	TACCAAGGAA	GATTGTCTT	CCGGGGTGAA	GGCACCTGGC
Rat_TERT_cds_(partial)	-----	-----	-----	-----	-----
Dog_TERT_cds_(partial)	-----	--CCCAG---	-CT-GGCCT-	-----GGGAG	GGAGGCCCCC
Consensus	-----C	--C-GA--AA	G-----TCTT	-----GG-A-	GG---CTG-C
	901				950
Human_TERT_cds	ACGCGCCACT	CCCACCCATC	CGTGGGCCGC	CAGCACCACG	CGGGCCCCC
Mouse_TERT_cds	CTGAGTCTCT	CTGGGT---C	GGTGTGCTGT	AAACACAAGC	CCAGTCCAC
Hamster_TERT_cds	CTGAGTCGCT	CTGGGT---C	AGTGTGCTAT	AAACACAAGC	CCAGTCCAC
Rat_TERT_cds_(partial)	-----	-----	-----	-----	-----
Dog_TERT_cds_(partial)	CGGACTCGT-	-----C	C-----AA	CCACCCAGC	CTGGATACAT
Consensus	C-GAGTC-CT	C-----TC	-GTG-GC---	-AACAC-AGC	C--G-TCCAC
	951				1000
Human_TERT_cds	ATCCACATCG	CGGCCACCAC	GTCCCTGGGA	CACGCCCTTGT	CCCCCGGTGT
Mouse_TERT_cds	ATCTCTG---	CTGTCACCAC	CCCGCCAAAA	TGCCTTTCAG	CTCAGGCCAT
Hamster_TERT_cds	ATCCCTG---	CAGTCACCAC	TGTGCCAAAA	TGCCTTTCAG	CTCAGACCAT
Rat_TERT_cds_(partial)	-----	-----	-----	-----	-----
Dog_TERT_cds_(partial)	CTCCGGG---	-----	-GCCCCAGGG	AGTACCCCAT	GACCCAGCAC
Consensus	ATC-----G	C-GTCACCAC	--C-CCA--A	-GC---TCA-	C-C----CAT
	1001				1050
Human_TERT_cds	ACGCCGAGAC	CAAGCACTTC	CTCTACTCCT	---CAGGCGA	CAAGGAGCAG
Mouse_TERT_cds	TTATTGAGAC	CAGACATTTT	CTTTACTCCA	GGGGAGATGG	CCAAGAGCGT
Hamster_TERT_cds	ATACTGAGAC	CAAACGCTTC	CTCTACTCTA	GGGAAGGTGG	CCGAGAGAGG
Rat_TERT_cds_(partial)	-----	-----	-----	-----	-----
Dog_TERT_cds_(partial)	ACCCCGAGAC	CAAACGCTTC	CTCTACTGCT	CG--GGTGG	CAGGGAGCGG
Consensus	A--C-GAGAC	CAAAC-CTTC	CTCTACTCC-	-G--AGGTGG	C---GAGCGG

Figure 10(C)

1051				1100	
Human_TERT_cds	CTGCGGCCCT	CCTTCCTACT	CAGCTCTCTG	AGGCCCAGCC	TGACTGGCGC
Mouse_TERT_cds	CTAAACCCCT	CATTCCCTACT	CAGCAACCTC	CAGCCTAACT	TGACTGGGGC
Hamster_TERT_cds	CTGAACCCCT	CGTTCCCTACT	CAACAACCTG	CAGCCCAGCT	TGACTGGGGC
Rat_TERT_cds_(partial)	-----	-----	-----	-----	-----
Dog_TERT_cds_(partial)	CTGCGGCCCT	CCTTCCTGCT	CAGTGCCCTG	CCGCCTACCC	TG---GGGGC
Consensus	CTG--CCCCT	C-TTCCTACT	CAGC--CCTG	C-GCC-A-C-	TGACTGGGGC
	1101			1150	
Human_TERT_cds	TGGGAGGCTC	GTGGAGACCA	TCTTTCTGGG	TTCCAGGCCC	TGGATGCCAG
Mouse_TERT_cds	CAGGAGACTG	GTGGAGATCA	TCTTTCTGGG	CTCAAGGCCT	AGGACATCAG
Hamster_TERT_cds	CAGGAGACTG	GTAGAGATAC	TCTTTCTAGG	CATGAGACCT	AGGACATCGG
Rat_TERT_cds_(partial)	-----	-----	-----	-----	-----
Dog_TERT_cds_(partial)	CCGCAAACCTC	GTGGAGACCA	TCTTTCTGGG	CTCTGCGCCC	CAGAAGCCAG
Consensus	C-GGAGACT-	GTGGAGA-CA	TCTTTCTGGG	CTC-AGGCC-	-GGA---CAG
	1151			1200	
Human_TERT_cds	GGAATCCCCG	CAGGTTGCCC	CGCCTGCCCC	AGCGCTACTG	GCAAATGCGG
Mouse_TERT_cds	GACCACTCTG	CAGGACACAC	CGTCTATCGC	GTCGATACTG	GCAGATGCGG
Hamster_TERT_cds	GACCACTCTG	TGGGAGACGC	CGCCTATCGA	AGCGCTACTG	GCAGATGCGG
Rat_TERT_cds_(partial)	-----	-----	-----	-----	-----
Dog_TERT_cds_(partial)	GGGCCGCCCC	CAGGATGCGC	CGCCTGCCTG	CCCGCTACTG	GCGAATGAGG
Consensus	G--C-C-C-G	CAGGA--C-C	CGCCT--C--	--CGCTACTG	GCA-ATGCGG
	1201			1250	
Human_TERT_cds	CCCCTGTTTC	TGGAGCTGCT	TGGGAACCAC	GCGCAGTGCC	CCTACGGGGT
Mouse_TERT_cds	CCCCTGTTCC	AACAGCTGCT	GGTGAACCAT	GCAGAGTGCC	AATATGTCAG
Hamster_TERT_cds	CCCCTATTCC	AGCAGTTGCT	TGTGAACCAT	GCGCGGTGCC	CGTATGTCCG
Rat_TERT_cds_(partial)	-----	-----	-----	-----	-----
Dog_TERT_cds_(partial)	CCCCTGTTCC	AGGAGCTGCT	TGGGAACCAC	GCCCGGTGCC	CCTACCGTGC
Consensus	CCCCTGTTCC	AG-AGCTGCT	TG-GAACCA-	GC-C-GTGCC	C-TA-G----
	1251			1300	
Human_TERT_cds	GCTCCTCAAG	ACGCACTGCC	CGCTGCGAGC	TGCGGTCACC	CCAG-----
Mouse_TERT_cds	ACTCCTCAGG	TCACATTGCA	GGTTTCGAAC	AGCAAAC---	-----
Hamster_TERT_cds	GCTCCTCAGG	TCCATTGCA	GGTTTCGGAC	CGCAGCC---	-----
Rat_TERT_cds_(partial)	-----	-----	-----	-----	-----
Dog_TERT_cds_(partial)	GCTCCTCAGG	ACCCACTGCC	CGCTTCGGGC	CATGGCCGCT	AAGGAGGGGT
Consensus	GCTCCTCAGG	-C-CA-TGC-	-G-TTCG--C	-GC-G-C---	-----
	1301			1350	
Human_TERT_cds	-----CAGCC	GGTGTCTGTG	CCCGGGAGAA	GCCCCAGG--	--GCTCTGTG
Mouse_TERT_cds	-----CAACA	GGTGACAGAT	GCCTTGAACA	CCA-----	-----
Hamster_TERT_cds	-----CACCA	GGTGGCAGGT	GCCTTGAACA	CCACCA----	-----
Rat_TERT_cds_(partial)	-----	-----	-----	-----	-----
Dog_TERT_cds_(partial)	CTGGCAACCA	GGCACACAGG	GGAGTGGGCA	TCTGTCCCCT	GGAGAGGCCA
Consensus	-----CA-CA	GGTG-C-G--	GCC-TGA-CA	-C-----C-	-----
	1351			1400	
Human_TERT_cds	GCGGCCCCCG	AGGAGGAGGA	CACAGACCCC	CGTCGCCTGG	TGCAGCTGCT
Mouse_TERT_cds	-----	-----	-----GCCCA	CCGCACCTCA	TGGATTTGCT
Hamster_TERT_cds	-----	-----	-----GCCCA	CAGCGCCTCA	TGAATTTGCT
Rat_TERT_cds_(partial)	-----	-----	-----	-----	-----
Dog_TERT_cds_(partial)	GTAGCAGCCC	CCCAGGAGCA	GACGGACTCC	ACACGCCTGG	TACAGCTCCT
Consensus	-----	-----	-----CCC-	C--CGCCT--	TG-A--TGCT

Figure 10(D)

	1401				1450
Human_TERT_cds	CCGCCAGCAC	AGCAGCCCCT	GGCAGGTGTA	CGGCTTCGTG	CGGGCCTGCC
Mouse_TERT_cds	CCGCCTGCAC	AGCAGTCCCCT	GGCAGGTATA	TGGTTTTCTT	CGGGCCTGTC
Hamster_TERT_cds	CCGTCTACAC	AGCAGTCCCCT	GGCAGGTATA	TGGCTTTCTT	CAGGCCTGTG
Rat_TERT_cds_(partial)	-----	-----	-----	-----	-----
Dog_TERT_cds_(partial)	CCGACAGCAC	AGCAGCCCCT	GGCAGGTGTA	TGCCTTCCTG	AGGGCCTGCC
Consensus	CCG-C-GCAC	AGCAG-CCCT	GGCAGGT-TA	TGGCTT-CT	CGGGCCTG-C
	1451				1500
Human_TERT_cds	TGCGCCGGCT	GGTGCCCCCA	GGCCTCTGGG	GCTCCAGGCA	CAACGAACGC
Mouse_TERT_cds	TCTGCAAGGT	GGTGTCTGCT	AGTCTCTGGG	GTACCAGGCA	CAATGAGCGC
Hamster_TERT_cds	TCGGAAAGCT	GGTGCCCTCCG	GGTCTCTGGG	GTCCCCGGCA	CAACCAGCGA
Rat_TERT_cds_(partial)	-----	-----	-----	-----	-----
Dog_TERT_cds_(partial)	TGTGCTGGCT	GGTGCCCACT	GGACTCTGGG	GCTCCAGGCA	CAACCAGCGC
Consensus	T--GC--GCT	GGTGCC--C-	GG-CTCTGGG	G-TCCAGGCA	CAAC-AGCGC
	1501				1550
Human_TERT_cds	CGCTTCCTCA	GGAACACCAA	GAAGTTCATC	TCCCTGGGGA	AGCATGCCAA
Mouse_TERT_cds	CGCTTCTTTA	AGAACTTAAA	GAAGTTCATC	TCGTTGGGGA	AATACGGCAA
Hamster_TERT_cds	CGCTTCTTTA	AGAACGTGAA	GCGGTTTCATC	TCCTTGGGGA	AGTATGACAA
Rat_TERT_cds_(partial)	-----	-----	-----	-----	-----
Dog_TERT_cds_(partial)	CGCTTCTTGA	GGAACGTGAA	GAAGTTCATC	TCCCTGGGAA	AGCACGCTAA
Consensus	CGCTTCTT-A	-GAAC-T-AA	GAAGTTCATC	TCC-TGGGGA	AG-A-G-CAA
	1551				1600
Human_TERT_cds	GCTCTCGCTG	CAGGAGCTGA	CGTGGAAGAT	GAGCGTGCGG	GACTGCGCTT
Mouse_TERT_cds	GCTATCACTG	CAGGAACTGA	TGTGGAAGAT	GAAAGTAGAG	GATTGCCACT
Hamster_TERT_cds	GCTGTGCTG	CAGGAGCTGA	CGTGGAAGAT	GAAAGTTCAA	GACTGCAGGT
Rat_TERT_cds_(partial)	-----	-----	-----	-----	-----
Dog_TERT_cds_(partial)	GCTCTCCCTG	CAGGAACTGA	CGTGGAAGAT	GAAGGTGCGG	GACTGCACCT
Consensus	GCT-TC-CTG	CAGGA-CTGA	CGTGGAAGAT	GAA-GT-C-G	GACTGC---T
	1601				1650
Human_TERT_cds	GGCTGCGCAG	GAGCCC----	-----	---AGGGGTT	GGCTGTGTTC
Mouse_TERT_cds	GGCTCCGCGAG	CAGCCC----	-----	---GGGGAAG	GACCGTGTCC
Hamster_TERT_cds	GGCTTCGCGAG	CAGCCC----	-----	---AGGGAAC	AACTGTGTCC
Rat_TERT_cds_(partial)	-----	-----	-----	-----	-----
Dog_TERT_cds_(partial)	GGCTGCACGG	GAACCCAGGT	GAGGAGTGCA	GAGTGAGCAG	GTGCCTGGTT
Consensus	GGCT-CGCGAG	-AGCCCAGGG	-A-GACTG--	-----	-----TGT-C
	1651				1700
Human_TERT_cds	CGGCCGCAGA	G-----	--CACCGTCT	GCGTGA--GG	AGATCCTGGC
Mouse_TERT_cds	CCGCTGCAGA	G-----	--CACCGTCT	GAGGGA--GA	GGATCCTGGC
Hamster_TERT_cds	CGGCTGCAGA	G-----	--CACCGCAC	GAGGGA--AA	GGATCCTGGC
Rat_TERT_cds_(partial)	-----	-----	-----	-----	-----
Dog_TERT_cds_(partial)	GGCCTACAGG	AAGGACCAGG	CTCACAGCCC	GAGTGTGGTA	GGCCCCCTCC
Consensus	CGGCTGCAGA	G-----	--CACCG-C-	GAG-GAG--A	GGATCCTGGC
	1701				1750
Human_TERT_cds	CAAGTTCCTG	CACTGGCTGA	TGAGTGTGTA	CGTCGTCG--	---AGCTGCT
Mouse_TERT_cds	TACGTTCTTG	TTCTGGCTGA	TGGACACATA	CGTGGTAC--	---AGCTGCT
Hamster_TERT_cds	TGTGTTCTTG	TTCTGGCTGA	TGGACGCGTA	CGTGGTAG--	---AGCTGCT
Rat_TERT_cds_(partial)	-----	-----	-----	-----	-----
Dog_TERT_cds_(partial)	TCCAACCAT	CCATCTC-GG	AACACCCCTT	CCTCTGTTGG	GCCGCGACGG
Consensus	T--GTTCTG	--CTGGCTGA	TG-AC-C-TA	CGT-----GG	T--AGCTGCT

Figure 10(E)

	1751				1800
Human_TERT_cds	CAGGTCTTTC	TTTTA-----	-----	---TGTCAGG	GAGAC---CA
Mouse_TERT_cds	TAGGTCATTC	TTTTA-----	-----	---CATCACA	GAGAG---CA
Hamster_TERT_cds	TCGGTCATTC	TTTTA-----	-----	---CGTCACA	GAGAC---CA
Rat_TERT_cds_(partial)	-AGGTCATTC	TTTTA- ₄ ---	-----	---CATCACA	GAGAG---CA
Dog_TERT_cds_(partial)	ACTGCCCTGC	CTGCCTCTCA	GCCCCCGAC	TCCCGTCACA	AACTAGTCCC
Consensus	-AGGTCATTC	TT-----	-----	TTACGTCACA	GA---GACCA
	1801				1850
Human_TERT_cds	CGTTTCA-AA	AGAA--CAGG	CTCTT-----	TTTCTACCGG	AAGAGTGTCT
Mouse_TERT_cds	CATTCCA-GA	AGAA--CAGG	CTCTT-----	CTTCTACCGT	AAGAGTGTGT
Hamster_TERT_cds	CTTTCCA-GA	AGAA--CCGG	CTCTT-----	CTTCTACCGA	AAGAGCATGT
Rat_TERT_cds_(partial)	CATTCCA-GA	AGAA--CAGG	CTCTT-----	CTTCTACCGT	AAGAGTGTGT
Dog_TERT_cds_(partial)	CATCCCCAGA	GGCTGCCGGG	CTGTCCACAT	CTGCTGCCAG	GAGTCATGAG
Consensus	CATTCC-AGA	AGAA--CAGG	CTCT-----T	CTTCTACC--	-----
	1851				1900
Human_TERT_cds	GGAGCAAGT-	-----	-----	-----	-----TGC
Mouse_TERT_cds	GGAGCAAGC-	-----	-----	-----	-----TGC
Hamster_TERT_cds	GGAGAAGGC-	-----	-----	-----	-----TGC
Rat_TERT_cds_(partial)	GGAGCAAGC-	-----	-----	-----	-----TGC
Dog_TERT_cds_(partial)	ACATCACGAA	ATGAGCTCTT	GGTGGCGGCC	CTCATCCCCT	TACCCCGGGC
Consensus	-----G-A	A-GAGTGTGT	GGAGCAAGCT	-----	-----GC
	1901				1950
Human_TERT_cds	AAAGCATTGG	AATCA-----	-----GAC	AGCACTTGAA	GAGGGTGCAG
Mouse_TERT_cds	AGAGCATTGG	AGTCA-----	-----GGC	AACACCTTGA	GAGAGTGCAG
Hamster_TERT_cds	AGAGCATTGG	AGTCA-----	-----GGC	ATCACCTTGA	GAGAGTGCAG
Rat_TERT_cds_(partial)	AGAGCATTGG	AGTCA-----	-----GGC	AACACCTTGA	GAGAGTGCAG
Dog_TERT_cds_(partial)	ACACATGGCT	CCTCATAGGC	TGTGCGCCAC	AACTCTTCAA	TAGTGTGCAC
Consensus	AGAG-----	---CATTGGA	-GTCAG--GC	AACACCTTGA	GAGAGTGCAG
	1951				2000
Human_TERT_cds	CTGCGGGAGC	TGTCGGAAGC	AGAGGTCAGG	CAGCATCGGG	AAGCCAGGCC
Mouse_TERT_cds	CTACGGGAGC	TGTCACAAGA	GGAGGTCAGG	CATCACCAGG	ACACCTGGCT
Hamster_TERT_cds	CTACAAGAAC	TGTCCTAAGA	AGAAGTCAGG	CAGCGCCAGG	AGGCCCTGGC
Rat_TERT_cds_(partial)	CTACGGGAGC	TGTCACAAGA	GGAGGTCAGG	CATCACCAGG	ACACCTGGCT
Dog_TERT_cds_(partial)	CTCCGAGAAC	TGTCAGAAGC	AGAGGTCAGG	AGACACCGGG	AAGCCAGACC
Consensus	CTACGGGAGC	TGTCACAAGA	AGAGGTCAGG	CA-CACCAGG	A-GCCTGGCC
	2001				2050
Human_TERT_cds	CGCCCTGCTG	ACGTCCAGAC	TCCGCTTCAT	CCCCAAGCCT	GACGGGCTGC
Mouse_TERT_cds	AGCCATGCCC	ATCTGCAGAC	TGCGCTTCAT	CCCCAAGCCC	AACGGCCTGC
Hamster_TERT_cds	AGCCATGCCC	ATCTGCAGAC	TGCGTTTCAT	CCCCAAGCCC	AGTGGTCTTC
Rat_TERT_cds_(partial)	AGCCATGCCC	ATCTGCAGAC	TGCGCTTCAT	CCCCAAGCCC	AACGGCCTGC
Dog_TERT_cds_(partial)	TGCTCTGCTG	ACCTCCAGAC	TCCGCTTCCT	CCCCAAGCCT	AGTGGGCTGC
Consensus	AGCCATGCCC	ATCTGCAGAC	TGCGCTTCAT	CCCCAAGCCC	AACGG-CTGC
	2051				2100
Human_TERT_cds	GGCCGATTGT	GAACATGGAC	TACGTCGTGG	GAGCCAGAAC	GTTCCGCAGA
Mouse_TERT_cds	GGCCCATTTGT	GAACATGAGT	TATAGCATGG	GTACCAGAGC	TTTGGGCAGA
Hamster_TERT_cds	GGCCCATTTGT	GAACATGAGT	TAT--ATGG	GCACCAGAGC	CTTTGACAAA
Rat_TERT_cds_(partial)	GGCCCATTTGT	GAACATGAGT	TATAGCATGG	GTACCAGAGC	TTTGGGCAGA
Dog_TERT_cds_(partial)	GGCCGATTGT	GAATATGGAC	TACATCATGG	GAGCCAGAAC	ATTCCACAGA
Consensus	GGCCCATTTGT	GAACATGAGT	TATA-CATGG	G-ACCAGAGC	-TT-GGCAGA

Figure 10(F)

	2101				2150
Human_TERT_cds	GAAAAGAGGG	CCGAGCGTCT	CACCTCGAGG	GTGAAGGCAC	TGTTTCAGCGT
Mouse_TERT_cds	AGGAAGCAGG	CCCAGCATTT	CACCCAGCGT	CTCAAGACTC	TCTTCAGCAT
Hamster_TERT_cds	GGGAAGCAGG	CTCAGCATTT	CACCCAGTGT	CTCAAGACTC	TGTTTCAGCGT
Rat_TERT_cds_(partial)	AGGAAGCAGG	CCCAGCATTT	CACCCAGCGT	CTCAAGACTC	TCTTCAGCAT
Dog_TERT_cds_(partial)	GACAAGAAGG	TCCAGCATCT	CACCTCACAA	CTGAAGACAC	TGTTTCAGTGT
Consensus	GGGAAGCAGG	CCCAGCATTT	CACCCAGCGT	CTCAAGACTC	TGTTTCAGCGT
	2151				2200
Human_TERT_cds	GCTCAACTAC	GAGCGGGGCG	GGCGCCCCGG	CCTCTGGGGC	GCCTCTGTGC
Mouse_TERT_cds	GCTCAACTAT	GAGCGGACAA	AACATCCTCA	CCTTATGGGG	TCTTCTGTAC
Hamster_TERT_cds	GCTCAACTAT	GAAGTGACAA	AACATACTAA	CCTTCTGGGG	GCATCTGTAC
Rat_TERT_cds_(partial)	GCTCAACTAT	GAGCGGACAA	AACATCCTCA	CCTTATGGGG	TCTTCTGTAC
Dog_TERT_cds_(partial)	CCTGAAGTAT	GAGCGGGCCC	GGCGCCCCAG	CCTCCTAGGG	GCCTCCATGC
Consensus	GCTCAACTAT	GAGCGGACAA	AACATCCT-A	CCTTCTGGGG	GC-TCTGTAC
	2201				2250
Human_TERT_cds	TGGGCCTGGA	CGATATCCAC	AGGGCCTGGC	GCACCTTCGT	GCTGCGTGTG
Mouse_TERT_cds	TGGGTATGAA	TGACATCTAC	AGGACCTGGC	GGGCCTTTGT	GCTGCGTGTG
Hamster_TERT_cds	TGGGCCTGAA	TGATATCTAC	AGGACCTGGC	GGACCTTCGT	ACTGCGTGTG
Rat_TERT_cds_(partial)	TGGGTATGAA	TGACATCTAC	AGGACCTGGC	GGGCCTTTGT	GCTGCGTGTG
Dog_TERT_cds_(partial)	TGGGCATGGA	CGACATCCAC	AGGGCCTGGC	GCACCTTTGT	GCTACGCATA
Consensus	TGGGCATGAA	TGACATCTAC	AGGACCTGGC	GGACCTTTGT	GCTGCGTGTG
	2251				2300
Human_TERT_cds	CGGGCCCAGG	ACCCGCCGCC	TGAGCTGTAC	TTTGTCAAGG	TGGATGTGAC
Mouse_TERT_cds	CGTGCTCTGG	ACCAGACACC	CAGGATGTAC	TTTGTTAAGG	CAGATGTGAC
Hamster_TERT_cds	CGCACTCTGG	ACCCAGCACC	CAGGATGTAC	TTTGTTAAGG	CAGATGTGAC
Rat_TERT_cds_(partial)	CGTGCTCTGG	ACCAGACACC	CAGGATGTAC	TTTGTTAAGG	CAGATGTGAC
Dog_TERT_cds_(partial)	CGGGCCCAGA	ATCCGGCACC	CCAGCTGTAC	TTTGTCAAGG	TGGACGTGAC
Consensus	CG-GCTCTGG	ACCCG-CACC	CAGGATGTAC	TTTGTTAAGG	CAGATGTGAC
	2301				2350
Human_TERT_cds	GGGCGCGTAC	GACACCATCC	CCCAGGACAG	GCTCACGGAG	GTCATCGCCA
Mouse_TERT_cds	CGGGGCCTAT	GATGCCATCC	CCCAGGGTAA	GCTGGTGGAG	GTTGTTGCCA
Hamster_TERT_cds	AGGGGCATAT	GATGCCATCC	CCCAGGACAA	GCTTGTGGAG	GTTATTGCCA
Rat_TERT_cds_(partial)	CGGGGCCTAT	GATGCCATCC	CCCAGGGTAA	GCTGGTGGAG	GTTGTTGCCA
Dog_TERT_cds_(partial)	GGGGGCATAT	GACGCCCTCC	CTCAGGACAG	GCTGGTAGAG	GTGATTGCCA
Consensus	-GGGGC-TAT	GATGCCATCC	CCCAGGACAA	GCTGGTGGAG	GTTATTGCCA
	2351				2400
Human_TERT_cds	GCATCATCAA	ACCCC--AG	AACACGTACT	GCGTGCGTCG	GTATGCCGTG
Mouse_TERT_cds	ATATGATCAG	GCACTCGGAG	AGCACGTACT	GTATCCGCCA	GTATGCAGTG
Hamster_TERT_cds	ATATGATCAG	ACACCCAGAC	AACTCGTACT	GTATCCACCA	ATATGCAGTG
Rat_TERT_cds_(partial)	ATATGATCAG	GCACTCGGAG	AGCACGTACT	GTATCCGCCA	GTATGCAGTG
Dog_TERT_cds_(partial)	ATGTGATCAG	GCCTCAGGAA	AGCACATACT	GCGTGCGCCA	CTATGCCGTG
Consensus	ATATGATCAG	GCAC-CGGAG	AGCACGTACT	GTATCCGCCA	GTATGCAGTG
	2401				2450
Human_TERT_cds	GTCCAGAAGG	CCGCCCATGG	GCACGTCCGC	AAGGCCCTTCA	AGAGCCACGT
Mouse_TERT_cds	GTCCGGAGAG	ATAGCCAAGG	CCAAGTCCAC	AAGTCCTTTA	GGAGACAGGT
Hamster_TERT_cds	GTCCAAAGAG	ATAGACAAGG	CCAATCCAC	AAGTCCTTCA	GGAGACAGGT
Rat_TERT_cds_(partial)	GTCCGGAGAG	ATAGCCAAGG	CCAAGTCCAC	AAGTCCTTTA	GGAGACAGGT
Dog_TERT_cds_(partial)	GTCCAGAGGA	CTGCCCGGGG	ACACGTCCGC	AAGGCCCTTCA	AAAGACAC--
Consensus	GTCCAGAGAG	ATAGCCAAGG	CCAAGTCCAC	AAGTCCTTCA	GGAGACAGGT

Figure 10(G)

	2451				2500
Human_TERT_cds	CTCTACCTTG	ACAGACCTCC	AGCCGTACAT	GCGACAGTTC	GTGGCTCACC
Mouse_TERT_cds	CACCACCCTC	TCTGACCTCC	AGCCATACAT	GGGCCAGTTC	CTTAAGCATC
Hamster_TERT_cds	CTCCACCCTC	TCTGACCTCC	AGCCACACAT	GGGCCAGTTC	TTGAAGCATC
Rat_TERT_cds_(partial)	CACCACCCTC	TCTGACCTCC	AGCCATACAT	GGGCCAGTTC	CTTAAGCATC
Dog_TERT_cds_(partial)	-----	-----	-----	-----	-----
Consensus	C-CCACCCTC	TCTGACCTCC	AGCCATACAT	GGGCCAGTTC	-T-AAGCATC
	2501				2550
Human_TERT_cds	TGCAGGAG--	----ACCA ³ GC	CCGCTGAGGG	ATGCCGTCGT	CATCGAGCAG
Mouse_TERT_cds	TGCAGGATTC	AGATGCCAGT	GCACTGAGGA	ACTCCGTTGT	CATCGAGCAG
Hamster_TERT_cds	TTCAGGACTC	AGACACCAGT	GCGCTGAGGA	ACTCCGTTGT	CATTGAGCAG
Rat_TERT_cds_(partial)	TGCAGGATTC	AGATGCCAGT	GCACTGAGGA	ACTCCGTTGT	CATCGAGCAG
Dog_TERT_cds_(partial)	-----	-----	-----	-----	-----
Consensus	TGCAGGA-TC	AGA--CCAGT	GC-CTGAGGA	ACTCCGTTGT	CATCGAGCAG
	2551				2600
Human_TERT_cds	AGCTCCTCCC	TGAATGAGGC	CAGCAGTGGC	CTCTTCGACG	TCTTCCTACG
Mouse_TERT_cds	AGCATCTCTA	TGAATGAGAG	CAGCAGCAGC	CTGTTTGACT	TCTTCCTGCA
Hamster_TERT_cds	AGCTTATCTC	TGAACGAGGC	CAGCAGCAGC	CTGTTTGACT	TCTTCCTGCG
Rat_TERT_cds_(partial)	AGCATCTCTA	TGAATGAGAG	CAGCAGCAGC	CTGTTTGACT	TCTTCCTGCA
Dog_TERT_cds_(partial)	-----	-----	-----	-----	-----
Consensus	AGC-TCTCT-	TGAATGAG--	CAGCAGCAGC	CTGTT-GACT	TCTTCCTGC-
	2601				2650
Human_TERT_cds	CTTCATGTGC	CACCACGCCG	TGCGCATCAG	GGGCAAGTCC	TACGTCCAGT
Mouse_TERT_cds	CTTCCTGCGT	CACAGTGTCG	TAAAGATTGG	TGACAGGTGC	TATACGCAGT
Hamster_TERT_cds	CTTTGTGCGT	AACAGTGTCG	TGAAGATCGG	TGGCAGGTGC	TATGTCCAGT
Rat_TERT_cds_(partial)	CTTCCTGCGT	CACAGTGTCG	TAAAGATTGG	TGACAGGTGC	TATACGCAGT
Dog_TERT_cds_(partial)	-----	-----	-----	-----	-----
Consensus	CTTC-TGCGT	CACAGTGTCG	T-AAGAT-GG	TG-CAGGTGC	TAT---CAGT
	2651				2700
Human_TERT_cds	GCCAGGGGAT	CCCCCAGGGC	TCCATCCTCT	CCACGCTGCT	CTGCAGCCTG
Mouse_TERT_cds	GCCAGGGCAT	CCCCCAGGGC	TCCAGCCTAT	CCACCCTGCT	CTGCAGTCTG
Hamster_TERT_cds	GCCAGGGCAT	CCCCCAGGGC	TCCAGCCTGT	CCACCCTGCT	CTGCAGTCTG
Rat_TERT_cds_(partial)	GCCAGGGCAT	CCCCCAGGGC	TCCAGCCTAT	CCACCCTGCT	CTGCAGTCTG
Dog_TERT_cds_(partial)	-----	-----	-----	-----	-----
Consensus	GCCAGGGCAT	CCCCCAGGGC	TCCAGCCT-T	CCACCCTGCT	CTGCAGTCTG
	2701				2750
Human_TERT_cds	TGCTACGGCG	ACATGGAGAA	CAAGCTGTTT	GCGGGGATTC	GGCGGGACGG
Mouse_TERT_cds	TGTTTCGGAG	ACATGGAGAA	CAAGCTGTTT	GCTGAGGTGC	AGCGGGATGG
Hamster_TERT_cds	TGTTTCGGGG	ACATGGAGAA	CAAGCTGTTT	GCTGAAGTGC	AGCAGGATGG
Rat_TERT_cds_(partial)	TGTTTCGGAG	ACATGGAGAA	CAAGCTGTTT	GCTGAGGTGC	AGCGGGATGG
Dog_TERT_cds_(partial)	-----	-----	-----	-----	-----
Consensus	TGTTTCGG-G	ACATGGAGAA	CAAGCTGTTT	GCTGAGGTGC	AGCGGGATGG
	2751				2800
Human_TERT_cds	GCTGCTCCTG	CGTTTGTTG	ATGATTTCTT	GTTGGTGACA	CCTCACCTCA
Mouse_TERT_cds	GTTGCTTTTA	CGTTTTGTTG	ATGACTTTCT	GTTGGTGACG	CCTCACTTGG
Hamster_TERT_cds	GCTGCTTTTG	CGTTTTGTTG	ATGACTTTCT	GTTGGTGACA	CCTCACCTGG
Rat_TERT_cds_(partial)	GTTGCTTTTA	CGTTTTGTTG	ATGACTTTCT	GTTGGTGACG	CCTCACTTGG
Dog_TERT_cds_(partial)	-----	-----	-----	-----	-----
Consensus	G-TGCTTTT-	CGTTTTGTTG	ATGACTTTCT	GTTGGTGAC-	CCTCAC-TGG

Figure 10(H)

	2801				2850
Human_TERT_cds	CCCACGCGAA	AACCTTCCTC	AGGACCCTGG	TCCGAGGTGT	CCCTGAGTAT
Mouse_TERT_cds	ACCAAGCAAA	AACCTTCCTC	AGCACCTGG	TCCATGGCGT	TCCTGAGTAT
Hamster_TERT_cds	TCCAGGCGGA	AGCCTTCCTC	AGGGCCCTCG	TCCGTGGCAT	CCCTGAGTAC
Rat_TERT_cds_(partial)	ACCAAGCAAA	AACCTTCCTC	AGCACCTGG	TCCATGGCGT	TCCTGAGTAT
Dog_TERT_cds_(partial)	-----	-----	-----	-----	-----
Consensus	-CCA-GC-AA	AACCTTCCTC	AG-ACCCTGG	TCC-TGGCGT	-CCTGAGTAT
	2851				2900
Human_TERT_cds	GGCTGCGTGG	TGAACCTGCG	GAAGACAGTG	GTGAACCTCC	CTGTAGAAGA
Mouse_TERT_cds	GGGTGCATGA	TAAACTTGCA	GAAGACAGTG	GTGAACCTCC	CTGTGGAGCC
Hamster_TERT_cds	GGGTGCATGA	TAAACTTGCA	GAAGACAGTG	GTAAACTTCC	CTGTGGACGC
Rat_TERT_cds_(partial)	GGGTGCATGA	TAAACTTGCA	GAAGACAGTG	GTGAACCTCC	CTGTGGAGCC
Dog_TERT_cds_(partial)	-----	-----	-----	-----	-----
Consensus	GG-TGCATGA	TAAACTTGCA	GAAGACAGTG	GTGAACCTCC	CTGTGGA--C
	2901				2950
Human_TERT_cds	CGAGGCCCTG	GGTGGCACGG	CTTTGTTC	GATGCCGGCC	CACGGCTAT
Mouse_TERT_cds	TGGTACCCTG	GGTGGTGACG	CTCCATACCA	GCTGCCTGCT	CACTGCCTGT
Hamster_TERT_cds	TGGTACCCTG	GATGGCACAG	CTCCACACCA	GCTGCCTGCT	CACTGCCTGT
Rat_TERT_cds_(partial)	TGGTACCCTG	GGTGGTGACG	CTCCATACCA	GCTGCCTGCT	CACTGCCTGT
Dog_TERT_cds_(partial)	-----	-----	-----	-----	-----
Consensus	TGGTACCCTG	GGTGG--CAG	CTCCA-ACCA	GCTGCCTGCT	CACTGCCTGT
	2951				3000
Human_TERT_cds	TCCCCTGGTG	CGGCCTGCTG	CTGGATACCC	GGACCCTGGA	GGTGCAGAGC
Mouse_TERT_cds	TCCCCTGGTG	TGGCTTGCTG	CTGGACACTC	AGACTTTGGA	GGTGTCTGT
Hamster_TERT_cds	TCCCCTGGTG	TGGCTTACTG	CTGGACACTC	AGACTCTGGA	GGTGTCTGT
Rat_TERT_cds_(partial)	TCCCCTGGTG	TGGCTTGCTG	CTGGACACTC	AGACTTTGGA	GGTGTCTGT
Dog_TERT_cds_(partial)	-----	-----	-----	-----	-----
Consensus	TCCCCTGGTG	TGGCTTGCTG	CTGGACACTC	AGACT-TGGA	GGTG-TCTGT
	3001				3050
Human_TERT_cds	GACTACTCCA	GCTATGCCCG	GACCTCCATC	AGAGCCAGTC	TCACCTTCAA
Mouse_TERT_cds	GACTACTCAG	GTTATGCCCA	GACCTCAATT	AAGACGAGCC	TCACCTTCCA
Hamster_TERT_cds	GACTACACTG	GTTATGCCCG	GACCTCAATT	AAGGCCAGCC	TCACCTTCCA
Rat_TERT_cds_(partial)	GACTACTCAG	GTTATGCCCA	GACCTCAATT	AAGACGAGCC	TCACCTTCCA
Dog_TERT_cds_(partial)	-----	-----	-----	-----	-----
Consensus	GACTACTC-G	GTTATGCCC-	GACCTCAATT	AAG-C-AGCC	TCACCTTCCA
	3051				3100
Human_TERT_cds	CCGCGGCTTC	AAGGCTGGGA	GGAACATGCG	TCGCAAATC	TTTGGGGTCT
Mouse_TERT_cds	GAGTGTCTTC	AAAGCTGGGA	AGACCATGCG	GAACAAGCTC	CTGTCGGTCT
Hamster_TERT_cds	GCGCACCTTC	AAGGCGGGGA	GGAACATGCG	ACAGAAGCTC	TTAGCTGTTT
Rat_TERT_cds_(partial)	GAGTGTCTTC	AAAGCTGGGA	AGACCATGCG	GAACAAGCTC	CTGTCGGTCT
Dog_TERT_cds_(partial)	-----	-----	-----	-----	-----
Consensus	G-G-G-CTTC	AA-GCTGGGA	-GA-CATGCG	--ACAAGCTC	-T--CGGTCT
	3101				3150
Human_TERT_cds	TGCGGCTGAA	GTGTCACAGC	CTGTTTCTGG	ATTGTCAGGT	GAACAGCCTC
Mouse_TERT_cds	TGCGGTTGAA	GTGTCACGGT	CTATTTCTAG	ACTTGCAGGT	GAACAGCCTC
Hamster_TERT_cds	TGCGGTTGAA	GTGTCACAGT	CTGTTTCTAG	ACTTGCAGAT	GAATAGCCTT
Rat_TERT_cds_(partial)	TGCGGTTGAA	GTGTCACGGT	CTATTTCTAG	ACTTGCAGGT	GAACAGCCTC
Dog_TERT_cds_(partial)	-----	-----	-----	-----	-----
Consensus	TGCGGTTGAA	GTGTCAC-GT	CT-TTTCTAG	ACTTGCAGGT	GAACAGCCTC

Figur 10(I)

3151				3200	
Human_TERT_cds	CAGACGGTGT	GCACCAACAT	CTACAAGATC	CTCCTGCTGC	AGGCGTACAG
Mouse_TERT_cds	CAGACAGTCT	GCATCAATAT	ATACAAGATC	TTCCTGCTTC	AGGCCTACAG
Hamster_TERT_cds	CAGACAGTCT	GTATCAATGT	GTACAAGATC	TTCCTGCTTC	AGGCCTACAG
Rat_TERT_cds_(partial)	CAGACAGTCT	GCATCAATAT	ATACAAGATC	TTCCTGCTTC	AGGCCTACAG
Dog_TERT_cds_(partial)	-----	-----	-----	-----	-----
Consensus	CAGACAGTCT	GCATCAATAT	-TACAAGATC	TTCCTGCTTC	AGGCCTACAG
	3201				3250
Human_TERT_cds	GTTTCACGCA	TGTGTGCTGC	AGCTCCCATT	TCATCAGCAA	GTTTGAAGA
Mouse_TERT_cds	GTTCCATGCA	TGTGTGATTC	AGCTTCCCTT	TGACCAGCGT	GTTAGGAAGA
Hamster_TERT_cds	GTTCCATGCG	TGTGCGCTTC	AGCTTCCCTT	TGACCAACAT	GTTAGAAAGA
Rat_TERT_cds_(partial)	GTTCCATGCA	TGTGTGATTC	AGCTTCCCTT	TGACCAGCGT	GTTAGGAAGA
Dog_TERT_cds_(partial)	-----	-----	-----	-----	-----
Consensus	GTTCCATGCA	TGTGTG-TTC	AGCTTCCCTT	TGACCAGC-T	GTTAGGAAGA
	3251				3300
Human_TERT_cds	ACCCACATT	TTTCTGCGC	GTCATCTCTG	ACACGGCCTC	CCTCTGCTAC
Mouse_TERT_cds	ACCTCACATT	CTTTCTGGGC	ATCATCTCCA	GCCAAGCATC	CTGCTGCTAT
Hamster_TERT_cds	ACCCGCGATT	CTTTCTGAGC	ATCATCTCCA	ACATAGCATC	CTGCTGCTAC
Rat_TERT_cds_(partial)	ACCTCACATT	CTTTCTGGGC	ATCATCTCCA	GCCAAGCATC	CTGCTGCTAT
Dog_TERT_cds_(partial)	-----	-----	-----	-----	-----
Consensus	ACC-CACATT	CTTTCTG-GC	ATCATCTCCA	-C--AGCATC	CTGCTGCTA-
	3301				3350
Human_TERT_cds	TCCATCCTGA	AAGCCAAGAA	CGCAGGGATG	TCGCTGGGGG	CCAAGGGCGC
Mouse_TERT_cds	GCTATCCTGA	AGGTCAAGAA	TCCAGGAATG	ACACTAAAGG	CC-----
Hamster_TERT_cds	TCCATCCTGA	AGGTCAAGAA	TGCAGGAATG	ACACTAAAGG	CCAAGGGTGC
Rat_TERT_cds_(partial)	GCTATCCTGA	AGGTCAAGAA	TCCAGGAATG	ACACTAAAGG	CC-----
Dog_TERT_cds_(partial)	-----	-----	-----	-----	-----
Consensus	-C-ATCCTGA	AGGTCAAGAA	T-CAGGAATG	ACACTAAAGG	CC-----
	3351				3400
Human_TERT_cds	CGCCGGCCCT	CTGCCCTCCG	AGGCCGTGCA	GTGGCTGTGC	CACCAAGCAT
Mouse_TERT_cds	-TCTGGCTCC	TTTCTCTCTG	AAGCCGCACA	TTGGCTCTGC	TACCAGGCCT
Hamster_TERT_cds	CTCTGGCTCA	TTTCTCTCTG	AAGCTGCACG	TTGGCTCTGC	TACCAAGCCT
Rat_TERT_cds_(partial)	-TCTGGCTCC	TTTCTCTCTG	AAGCCGCACA	TTGGCTCTGC	TACCAGGCCT
Dog_TERT_cds_(partial)	-----	-----	-----	-----	-----
Consensus	-TCTGGCTC-	TTTCTCTCTG	AAGCCGCACA	TTGGCTCTGC	TACCA-GCCT
	3401				3450
Human_TERT_cds	TCCTGCTCAA	GCTGACTCGA	CACCGTGTCA	CCTACGTGCC	ACTCCTGGGG
Mouse_TERT_cds	TCCTGCTCAA	GCTGGCTGCT	CATTCTGTCA	TCTACAAATG	TCTCCTGGGA
Hamster_TERT_cds	TCCTGCTCAA	GCTGGCTGGT	CATTCTGTCA	CCTACAAGTG	TCTCCTGGGA
Rat_TERT_cds_(partial)	TCCTGCTCAA	GCTGGCTGCT	CATTCTGTCA	TCTACAAATG	TCTCCTGGGA
Dog_TERT_cds_(partial)	-----	-----	-----	-----	-----
Consensus	TCCTGCTCAA	GCTGGCTG-T	CATTCTGTCA	-CTACAA-TG	TCTCCTGGGA
	3451				3500
Human_TERT_cds	TCACTCAGGA	CAGCCCAGAC	GCAGCTGAGT	CGGAAGCTCC	CGGGGACGAC
Mouse_TERT_cds	CCTCTGAGGA	CAGCCCAAAA	ACTGCTGTGC	CGGAAGCTCC	CAGAGGCGAC
Hamster_TERT_cds	CCTCTCAGGA	CAGCACAAAA	ACAGCTGTGC	CGGAAGCTCC	CAAGGGCAAC
Rat_TERT_cds_(partial)	CCTCTGAGGA	CAGCCCAAAA	ACTGCTGTGC	CGGAAGCTCC	CAGAGGCGAC
Dog_TERT_cds_(partial)	-----	-----	-----	-----	-----
Consensus	CCTCT-AGGA	CAGCCCAAAA	AC-GCTGTGC	CGGAAGCTCC	CAG-GGCGAC

Figur 10(J)

	3501		3550
Human_TERT_cds	GCTGACTGCC	CTGGAGGCCG	CAGCCAACCC GGCCTGCCC TCAGACTTCA
Mouse_TERT_cds	AATGACCATC	CTTAAAGCTG	CAGCTGACCC AGCCCTAAGC ACAGACTTTC
Hamster_TERT_cds	AATGGCCATC	CTTGAGACTG	CCGCTGACCC AGCCCTAAGC ACAGACTTTC
Rat_TERT_cds_(partial)	AATGACCATC	CTTAAAGCTG	CAGCTGACCC AGCCCTAAGC ACAGACTTTC
Dog_TERT_cds_(partial)	-----	-----	-----
Consensus	AATGACCATC	CTT-A-GCTG	CAGCTGACCC AGCCCTAAGC ACAGACTTTC

	3551	3562
Human_TERT_cds	AGACCATCCT	GACTGA
Mouse_TERT_cds	AGACCATTTT	GACTAA
Hamster_TERT_cds	AGACCATTTT	GACTAA
Rat_TERT_cds_(partial)	AGACCATTTT	GACTAA
Dog_TERT_cds_(partial)	-----	-----
Consensus	AGACCATTTT	GACTAA